

IN THE CLAIMS

Please amend claims 1, 4, 6, 14, 15 and 16 by rewriting as follows:

1. (Currently Amended) A portable mud pumping apparatus comprising:

a material bin having downward sloping sides and a bottom section;

an auger in said bottom section of said material bin;

a pump assembly having a pump chamber and a pump ram for drawing mud into said pump chamber and pushing said mud out of said pump chamber; ~~and~~

a hydraulic cylinder having a hydraulic cylinder ram connected to said pump assembly so as to drive said pump ram; and
a pump ram cap fixedly attaching said pump ram and said hydraulic cylinder ram such that said pump rams and said hydraulic cylinder ram operate in unison.

2. (Original) A portable mud pumping apparatus as in claim 1 further comprising a one-way valve assembly between said material bin and said pump assembly.

3. (Original) A portable mud pumping apparatus as in claim 2 wherein said auger is bidirectional.

4. (Currently Amended) A portable mud pumping apparatus as in claim 3 wherein said pump comprises a plurality of pump chambers, each of said pump chambers having a pump ram fixedly attached to said pump ram cap ~~driven by said hydraulic cylinder.~~

5. (Original) A portable mud pumping apparatus as in claim 4 further comprising a hydraulic pump connected to said auger and said hydraulic cylinder.

6. (Currently Amended) A portable mud pumping apparatus as in claim 5 further comprising ~~a portable~~ an engine connected to said hydraulic pump.

7. (Original) A portable mud pumping apparatus as in claim 6 further comprising a mud delivery hose connected to said pump assembly.

8. (Original) A portable mud pumping apparatus as in claim 7 wherein said apparatus is truck mounted.

9. (Original) A portable mud pumping apparatus having a holding bin attached to a mud pump assembly said mud pump assembly comprising:

a plurality of pump chambers, each of said pump chambers having a pump ram extending out of each of said pump chamber;

a primary hydraulic cylinder having a hydraulic cylinder ram extending out of said cylinder;

a pump ram cap fixedly attaching said pump rams and said hydraulic cylinder ram such that said pump rams and said hydraulic cylinder ram operate in unison; and

a pump manifold connecting each of said pump chambers to said holding bin.

10. (Original) A mud pump assembly as in claim 9 wherein said pump manifold further comprises a forward one way valve that controls the flow of mud from said holding bin into said pump assembly.

11. (Original) A mud pump assembly as in claim 10 wherein said manifold further defines a manifold pipe having an attached mud delivery hose.

12. (Original) A mud pump assembly as in claim 11 wherein said pump manifold further comprises a rearward one way valve that

controls the flow of mud from said pump assembly to said mud delivery hose.

13. (Original) A mud pump assembly as in claim 12 further comprising a hydraulic pump attached to said hydraulic cylinder.

14. (Currently Amended) A portable truck mounted mud pumping apparatus comprising:

a material bin having downward sloping sides and a bottom section;

an auger in said bottom section of said material bin;

a pump assembly having a pump chamber and a pump ram for drawing said mud into said pump chamber and pushing said mud out of said pump chamber;

a hydraulic cylinder having a hydraulic cylinder ram
~~connected to said pump assembly so as to drive said pump ram;~~

a pump ram cap fixedly attaching said pump ram and said hydraulic cylinder ram such that said pump ram and said hydraulic cylinder ram operate in unison;

a hydraulic pump; and

a hydraulic control manifold having a plurality of attached hydraulic lines so as to ~~interconnected~~ interconnect said auger and said hydraulic cylinder and said hydraulic pump.

15. (Currently Amended) A portable truck mounted mud pumping apparatus as in claim 14 wherein said pump comprises a plurality of pump chambers, each of said pump chambers having a pump ram fixedly attached to said pump ram cap driven by said hydraulic cylinder.

16. (Currently Amended) A portable truck mounted mud pumping apparatus as in claim 15 further comprising an engine connected to said hydraulic pump ~~a pump ram cap fixedly attaching said pump~~

~~rams and said hydraulic cylinder ram such that said pump rams and said hydraulic cylinder ram operate in unison.~~

17. (Original) A portable truck mounted mud pumping apparatus as in claim 16 further comprising a pump manifold connecting each of said pump chambers to said holding bin.

18. (Original) A portable truck mounted mud pumping apparatus as in claim 17 wherein said pump manifold further comprises a forward one way valve that controls the flow of mud from said holding bin into said pump assembly.

19. (Original) A portable truck mounted mud pumping apparatus as in claim 18 wherein said manifold further defines a manifold pipe having an attached mud delivery hose.

20. (Original) A portable truck mounted mud pumping apparatus as in claim 19 wherein said pump manifold further comprises a rearward one way valve that controls the flow of mud from said pump assembly to said mud delivery hose.